

In the Claims:

Please amend the claims as indicated below:

1.(currently amended) A cable actuated emergency stop system, comprising:

a housing structure within which a single shaft assembly can be maintained for engaging at least one cable;

at least one electrical switching mechanism maintained within said housing structure wherein said at least one electrical switching mechanism comprises at least one switch;

a snap-action mechanism that prevents said at least one electrical switching mechanism from being teased; and

a single shaft assembly that can be attached to said at least one cable, wherein said single shaft assembly comprises only one shaft that is slideably disposed within said housing structure and movable relative to said housing structure ~~along~~along a single path in a direction parallel to an axial centerline of said shaft in response to a force exerted by said at least one cable attached to at least one end of said shaft.

2.(original) The system of claim 1 wherein said housing structure comprises at least one window for viewing if at least one cable is in proper tension within said housing structure.

3.(original) The system of claim 1 further comprising a mechanical trip indicator located within said housing structure, wherein said mechanical trip

Application No. 10/727,407
October 11, 2005
Amendment responsive to Office Action of July 29, 2005

indicator permits a user to detect if said single shaft assembly has been tripped or is in an active position thereof.

4-5. (cancelled).

6.(original) The system of claim 1 wherein said single shaft assembly further comprises a return spring which engages said shaft, such that said shaft and said return spring are retained within said housing structure utilizing a threaded bushing.

7.(original) The system of claim 1 wherein said single shaft assembly further comprises at least one retaining ring for retaining a cam inserted into said shaft, such that said cam is fixed to an end of said shaft and restrained from rotating.

8.(original) The system of claim 1 further comprising a plunger mechanism comprising at least one plunger, a carrier and a plurality of compression springs assembled to respective pivot shafts thereof, such that opposite ends of said respective pivot shafts pivot on said carrier.

9.(original) The system of claim 8 wherein said plurality of compression springs are positioned at angle to said at least one plunger to promote a snap-over action thereof.

10-20. (cancelled)

21.(new) A cable actuated emergency stop system comprising:

a housing structure within which a single shaft assembly can be maintained for engaging at least one cable;

a single shaft assembly that can be attached to said at least one cable, wherein said single shaft assembly comprises only one shaft that is slideably disposed within said housing structure and movable relative to said housing structure along a single path in a direction parallel to an axial centerline of said shaft in response to a force exerted by said at least one cable attached to at least one end of said shaft; and

a plunger mechanism comprising at least one plunger, a carrier and a plurality of compression springs assembled to respective pivot shafts thereof, such that opposite ends of said respective pivot shafts pivot on said carrier.

22.(new) The system of claim 21 wherein said housing structure comprises at least one window for viewing if at least one cable is in proper tension within said housing structure.

23.(new) The system of claim 21 further comprising a mechanical trip indicator located within said housing structure, wherein said mechanical trip indicator permits a user to detect if said single shaft assembly has been tripped or is in an active position thereof.

24.(new) The system of claim 21 wherein said single shaft assembly further comprises a return spring which engages said shaft, such that said shaft and

Application No. 10/727,407
October 11, 2005
Amendment responsive to Office Action of July 29, 2005

said return spring are retained within said housing structure utilizing a threaded bushing.

25.(new) The system of claim 21 wherein said single shaft assembly further comprises at least one retaining ring for retaining a cam inserted into said shaft, such that said cam is fixed to an end of said shaft and restrained from rotating.

26.(new) The system of claim 21 wherein said plurality of compression springs are positioned at angle to said at least one plunger to promote a snap-over action thereof.